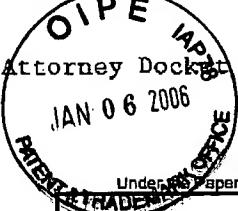


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DUANE MORRIS 11

2004



Attorney Docket No. PEON 5-1-3 (D8143-00257)

JAN 06 2006

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PTO/SB/98 (12-05)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Agere Systems, Inc.

Application No./PEON 5-1-3 (D8143-00257): 09/885,777 Filed/Issue Date: June 20, 2001

Entitled: DETECTION AND CORRECTION CIRCUIT FOR BLIND EQUALIZATION CONVERGENCE ERRORS

Agere Systems, Inc., a corporation
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

In the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

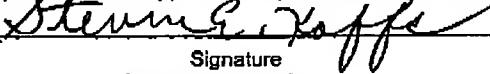
1. From: Inventor(s) To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at Reel 011926, Frame 0930, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature
Steven E. Koffs

Jan. 6, 2006

Date

215.979.1250

Telephone Number

Printed or Typed Name

Attorney for Applicants

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PH1\1525158.1

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 08/22/2002
0203453773 - 3268412

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
(a Delaware corporation)

INTO

Agere Systems Inc.
(a Delaware corporation)

UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp.

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

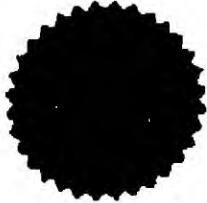
"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION, WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

9268412 8100M

020545223



Harrriet Smith Windsor
Harrriet Smith Windsor, Secretary of State

AUTHENTICATION: 1959517

DATE: 08-29-02

01/06/2006 16:18 FAX 215 979 1020



DUANE MORRIS 11

007



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 05, 2001

PTAS

DUANE, MORRIS & HECKSCHER LLP
WILLIAM H. MURRAY, ESQ.
4200 ONE LIBERTY PLACE
PHILADELPHIA, PA 19103-7396



101763802A

08/43-00257 D-21-2001 original
Sent to Agere

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

SEP 12 2001

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/29/2001

REEL/FRAME: 011926/0330
NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

PEON, ROGELIO

DOC DATE: 05/08/2001

ASSIGNEE:

VILA, PABLO

DOC DATE: 05/29/2001

ASSIGNEE:

ROYO, ANDER

DOC DATE: 05/08/2001

ASSIGNEE:

AGERE SYSTEMS GUARDIAN CORP.
SUITE 105, 14645 N.W. 77TH AVENUE
MIAMI LAKES, FLORIDA 33014

SERIAL NUMBER: 09885777
PATENT NUMBER:

FILING DATE: 06/20/2001
ISSUE DATE:

011926/0330 PAGE 2

DOROTHY BASMA, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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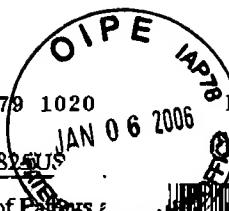
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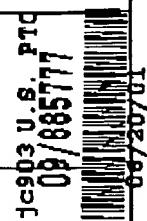


To the Honorable Commissioner of Patents

Attorney Docket No.: PEON 5-1-3

Original documents or copy thereof.

Address of receiving party(ies):



1. Name of conveying party(ies): 101763802

1. Rogelio Peon; 2. Pablo Vila; 3. Ander Royo
05/29/01

Additional name(s) of conveying party(ies) attached? () Yes (x) No

Name: Agere Systems Guardian Corp.

Internal Address:

3. Nature of conveyance:

(x) Assignment () Merger
 () Security Agreement () Change of Name
 () Other _____

Execution Date: 1) 5/8/01; 2) 5/29/01; 3) 5/8/01

Street Address: Suite 105, 14645 N.W. 77th Avenue

City: Miami Lakes State: FL ZIP: 33014

Additional name(s) and address(es) attached? () Yes (x) No

4. Application number(s) or patent number(s): 09885777

If this document is being filed together with a new application, the execution date of the application is:

1) 5/16/01; 2) 5/29/01; 3) 5/21/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: () Yes (x) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William H. Murray, Esq.

Internal Address: _____

Street Address: Duane, Morris & Heckscher LLP

4200 One Liberty Place

City: Philadelphia State: PA ZIP: 19103-7396

6. Total number of applications and patents involved: (1) One

7. Total fee (37 CFR 3.41).....\$40.00

() Enclosed

(X) Authorized to be charged to deposit account

8. Deposit account number:

50-1735

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven E. Koffs, Reg. No. 37,163

Name of person signing

A handwritten signature of Steven E. Koffs.

June 20, 2001

Date

Total number of pages including cover sheet, attachments, and document (11)

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

[D8143-00257]
PH1\858174.1

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2*
PATENT
[D8142-00257]



Case Name and No.: PEON 5-1-3

ASSIGNMENT AND AGREEMENT

For value received, we, **Rogelio Peon**, C/San Bernado 41-6C, Gijon (Asturias), Spain; **Pablo Vila**, Ramos Carrion 9, 4B, Madrid, Spain, and **Ander Royo**, Avda. Ramon y Cajal 109, 2-A, 28043 Madrid, Spain, do hereby sell, assign and transfer to Agere Systems Guardian Corp., a corporation of the State of Delaware, having an office at Suite 105, 14645 N.W. 77th Avenue, Miami Lakes, Florida 33014, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Detection and Correction Circuit for Blind Equalization Convergence Errors**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Guardian Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Guardian Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Guardian Corp. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Guardian Corp. may designate.

PH1831788.1



2

Case Name and No.: PEON 5-1-3

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



Rogelio Peon

Date: _____

United States of America)

Commonwealth of Pennsylvania) ss.:

County of _____)

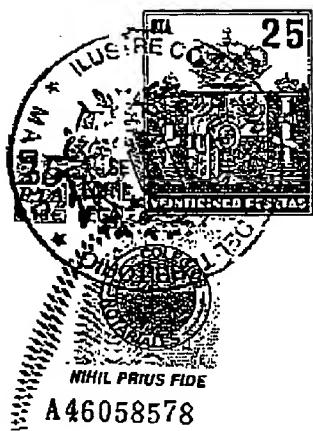
On this _____ day of _____, 2001, before me personally came Rogelio Peon, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PH10831788.1



El presente folio es el agregado al documento en el que figura la firma de
 D. /Dña José Angel Gómez-Torán de la Torre
 fecha 3. Mayo - 2001 de



Apostille (o legalización única)
 (Convention de La Haya du 5 octobre 1961)
 (Real Decreto 2433/1978, de 2 de octubre)

1. País: España
 El presente documento público
2. Ha sido firmado por D. José Angel Gómez-Torán de la Torre
3. Actuando en calidad de NOTARIO
4. Se halla sellado/timbrado con el de su Notaría

CERTIFICADO

5. En Madrid 6. El 8-Mayo-2001
7. Por el Decano del Colegio Notarial de Madrid
8. Con el número 10.328
9. Sello/timbre: M
10. Firma: Carlos Ruiz-Rivas Hernández

D. Carlos Ruiz-Rivas Hernández
 Miembro de la Junta Directiva de Funcionarios de Derecho



LG 0508523



Case Name and No.: PEON 5-1-3

Ander Royo

Date: _____

United States of America)

Commonwealth of Pennsylvania) ss.:

County of _____)

On this _____ day of _____, 2001, before me personally came Ander Royo, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

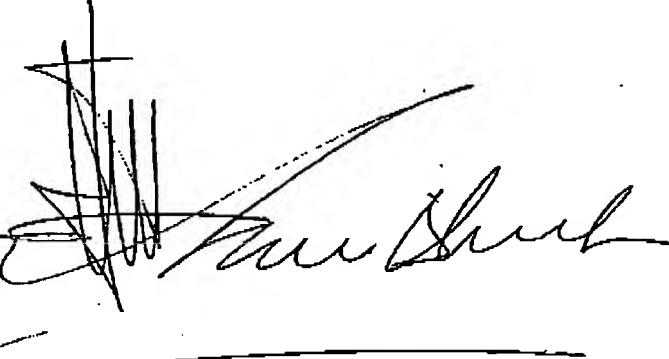
Agere Systems Guardian Corp.
Suite 105
14645 N.W. 77th Avenue
Miami Lakes, FL 33014

PHI\831788.1

En Tres Cantos, a tres de mayo de dos mil uno.
YO, JOSE ANGEL GOMEZ-MORAN ETCHART, Notario del
Ilustre Colegio de Madrid, con residencia en esta
localidad. -----

DOY FE: Que considero legítima la firma estampada en el presente documento, redactado en inglés idioma que conozco, correspondiente a: DON ANDER ROYO OREJAS, con documento nacional de identidad número 416806W, por haber sido puesta en mi presencia. -----



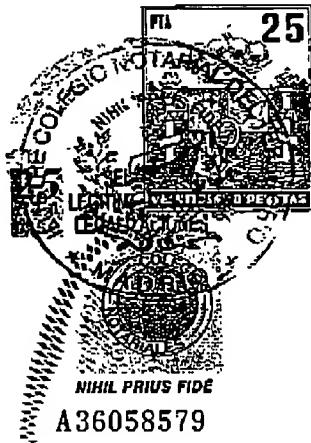


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 D./D^a José Angel Gómez-Rivas Etchart de
 fecha 8 Mayo 2001

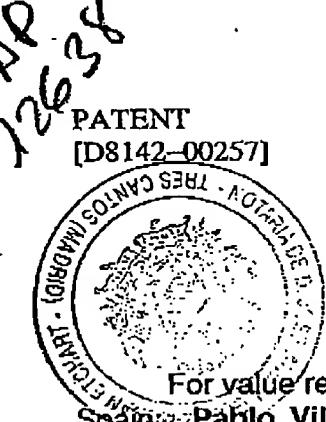


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8. Con el número 10.379
9. Sello/atrásbre:
10. Firma:

D. Carlos Ruiz-Rivas Hernández
 Miembro de la Junta Directiva en Funciones de Decano

LG 0508524



Case Name and No.: PEON 5-1-3

ASSIGNMENT AND AGREEMENT

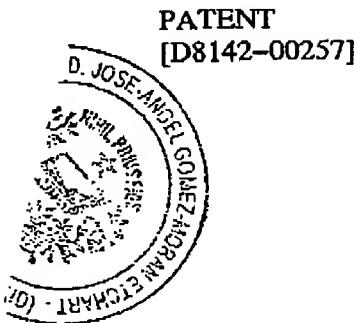
For value received, we, **Rogelio Peon**, C/San Bernado 41-6C, Gijon (Asturias), Spain; **Pablo Vila**, Ramos Carrion 9, 4B, Madrid, Spain, and **Ander Royo**, Avda. Ramon y Cajal 109, 2-A, 28043 Madrid, Spain, do hereby sell, assign and transfer to Agere Systems Guardian Corp., a corporation of the State of Delaware, having an office at Suite 105, 14645 N.W. 77th Avenue, Miami Lakes, Florida 33014, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Detection and Correction Circuit for Blind Equalization Convergence Errors**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Guardian Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Guardian Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Guardian Corp. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Guardian Corp. may designate.

PHIN831788.1



3

Case Name and No.: PEON 5-1-3



Pablo Vila

Date: 29-05-2001

United States of America)

Commonwealth of Pennsylvania) ss.:

County of _____)

On this _____ day of _____, 2001, before me personally came Pablo Vila, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PHIV31788.1

En Tres Cantos, a veintinueve de mayo de dos mil uno.

YO, JOSE ANGEL GOMEZ-MORAN ETCHART, Notario del Ilustre Colegio de Madrid, con residencia en esta localidad.

DOY FE: Que considero legítima la firma estampada en el presente documento, correspondiente a: DON PABLO LUIS VILA RODRIGUEZ también conocido como Pablo Vila, con documento nacional de identidad y N.I.F. número: 7238153-F, por haber sido puesta en mi presencia.




Apostille (o legalización única)
(Convention de La Haya du 5 octobre 1961)
(Real Decreto 2433/1978, de 2 de octubre)

1. País: España
El presente documento público
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3. Actuando en calidad de NOTARIO.
4. Se halla sellado/timbrado con el de su Notaría CERTIFICADO
5. En Madrid
6. El 4 DE JUNIO 2006
7. Por el Decano del Colegio Notarial de Madrid
8. Con el número 13193
9. Sellado/timbrado:
10. Firma: P. Etchart

D. Pablo Durán de la Collina
Miembro de la Junta Directiva en Funciones de Duane Morris

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